

FINITE ELEMENT ANALYSIS WITH CAE (INTERMEDIATE)



COURSE OVERVIEW

This course is designed to provide participants with the fundamental knowledge in plastic materials and processing. An emphasis is given to the plastic injection moulding process, where majority of the plastic industry are concentrated in this area. Characteristics of major plastic materials are explained with theoretical approach. Common plastic processing techniques in manufacturing are explained to give a broad idea of available methods, for example injection moulding, extrusion, blow moulding. The course also provides key information on basic mould construction and design, including common terminologies used in injection moulding.

COURSE OBJECTIVES

At the completion of this course, participants will be able to :

- Understanding of FEA process
- Reduce the time required to update finite Element Process
- Efficiently analyze designs, improving the overall engineering design process.

THE UNIQUENESS OF THIS COURSE

- Brief demonstration on the software operation and process, indicating key elements for analysis.
- Experienced trainers in the field of analysis on 3D data.

WHO SHOULD ATTEND

This course is designed to those who are related to product analysis.

Target Group: Product designers, Design engineers & Analysis engineers.

KEY TOPICS

- Background of Design Analysis
- FE Modeling Technique for Design Analysis
- Product Design Evaluation & Design Analysis

METHODOLOGY

Consist of theory contents, lessons delivery is via lectures, discussion & practical using analysis software.

COURSE DURATION

3 Days

PRE-REQUISITE

Minimum have completed SPM/SPMV

CERTIFICATION

Certificate of attendance will be issued to those who successfully completed 80% of the attendance.

For further details, please contact:

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